

STATE OF WASHINGTON
DEPARTMENT OF CONSERVATION
DIVISION OF WATER RESOURCES

Appli. 8559

Per. 7972

Cert. 6140 - 25 gpm, 22 AF Dm

WELL LOG

Record by..... Driller

Source Driller's Record

Location: State of WASHINGTON

County..... Island

Area.....

Map 585' S & 640' E of NW cor

NW 1/4 NW 1/4 sec. 16 T. 30 N. R. 2 E.

Diagram of Section

Drilling Co..... Whidby Drillers

Address..... P. O. Box 277, Oak Harbor, Wash.

Method of Drilling Cable Date Feb. 8, 1967

Owner John E. Engstrom

Address Box 36, Greenbank, Washington

Land surface, datum 160-170 ft above

SWL: 158' Date Feb. 6, 1967 Dims. 6"x310'

CORRE- LATION	MATERIAL	From (feet)	To (feet)
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(Transcribe driller's terminology literally but paraphrase as necessary, in parentheses if material water-bearing, so state and record static level if reported. Give depths in feet below land-surface datum unless otherwise indicated. Correlate with stratigraphic column, if feasible. Following log of materials, list all casings, perforations, screens, etc.)

	Community domestic supply		
	Clay, gravelly	0	7
	Clay, blue	7	52
	Clay, sandy	52	74
	hardpan	74	115
	Gravel	115	121
	Hardpan, gravelly	121	177
	Hardpan, sandy	177	184
	Hardpan, (water)	184	198
	Clay, sandy	198	226
	Hardpan	226	266
	Clay	266	307
	Gravel, hardpan (water)	307	310
	Casing: 6" from 0' to 308'		
	Screens from 308' to 310'		
	Bailer test: 10 gpm w/ 50' DD after 4 hrs.		

Turn up

Sheet . . . of . . . sheets

30 / 2E 16 D
File number

No. / -

[illegible]



Well Tagging Form

Unique Well Tag No:

ACJ 695

RECORD VERIFICATION (check ☒ one)



Well Report available (please attach this form to the well report and submit it to the Ecology Regional Office near you).

If a well report is not available, please complete a "Water Well Report for an Existing Well" form. This form is available at Ecology's headquarters office. **Do not use this form for wells that do not have a Water Well Report.**

WELL OWNERSHIP, IF DIFFERENT FROM WELL REPORT

First Name:

GREENTREE WATER COMPANY, Inc.

Last Name:

Street Address:

875 Greentry Drive

City:

Greenbank

State:

WA 98253

LOCATION OF WELL, IF DIFFERENT FROM WELL REPORT

Well Address:

Leaf Lane and Beejee Way, Parcel S7060-00-0000A-C

City:

Greenbank

County:

Island

T.

30

N.

R.

2

E.W.M.

Sec.

16

NW

1/4 of the

NW

Latitude

48

5

578641

Longitude

122

34

16402

Elevation at land surface

200

feet/meters (circle one)

SEE BACK SIDE OF PAGE...

WELL CHARACTERISTICS

Location of Well identification Tag:

Strapped to well casing north of
 well pump house

Scale 1:24,000 (1" = 2,000')

Indicate the location of the well within the Section by drawing a dot at that point

SECTION 16 - (D)

D	C	B	A
E	F	G	H
M	L	K	J
N	P	Q	R

COMMENTS:

Handwritten notes in the comments section, including "16 - (D)" and other illegible text.

WATER WELL REPORT

State of Washington

IC Site ID: 9AD

Start Card:

Unique Well ID

ACJ695

Water Right: G1-08559C

(1) OWNER: Name: John E. Engstrom

Address: P.O. Box 41 Greenbank WA

(2) LOCATION OF WELL: Island: Whidbey

Township/Range-Section: 30N/02E-16D

Parcel Number: S7060-00-0000-0

(2a) Well Address

PWS-ID: 29750U

Source: 1

PWS-Name: Greentree Water Co Inc

(3) PROPOSED USE: Domestic

(4) TYPE OF WORK: Owner's Well Number (if more than one): 1

New Well

Method: Cable Tool

(5) DIMENSIONS: Diameter of Well: 6 inches.

Drilled: 311 feet. Depth of Completed Well: 311 ft.

(6) CONSTRUCTION DETAILS:

Casing Installed: Diam. (in) from to (ft)
6 -0.22 308

Screens: Type Zone Diam Slot from to (ft)
Brass or Bronze 1 6 0.2 308 311

Surface seal:
Material: Other (explain in remarks) To depth: ft.

(7) PUMP:

Type: Submersible Horsepower: 3

(8) WATER LEVELS: 12 Land-surface elevation (MSL): 200 ft.

AvgWL Elevation: 1 Calc'd Elev: 163 ft.

Earliest Level: 158.00 ft. below toe Date: 06-Feb-67

Lastest Level: 160.60 ft. below toe Date: 18-Apr-97

Average Level: 161.80 ft. below toe Average Date: 28-May-92

(9) WELL TESTS:

Type	Yield	Drawdown	After	Date
Pump	30 gpm	23.33 feet	24 hours	13-Mar-92
Bailer	10 gpm	50 feet	4 hours	06-Feb-67

(10) WELL LOG DESCRIPTION:

Material	From BGS	From MSL	Thick
Gravelly Clay	0	163	7
Blue Clay	7	156	45
Sandy Clay	52	111	22
Hardpan	74	89	41
Gravel	115	48	6
Gravelly Hardpan	121	42	56
Sandy Hardpan	177	-14	7
Hardpan With Water	184	-21	14
Sandy Clay	198	-35	28
Hardpan	226	-63	40
Clay	266	-103	41
Water In Gravel/Hardpan Again	307	-144	4
TD	311	-148	

Work Completed: 08-Feb-67 TD Elev: -148 ft. MSL

WELL CONSTRUCTOR CERTIFICATION:

Name: L. Vanderstoep

Address: Box 277, Oak Harbor, WA 98277

Contractor's

Registration Number: 129

Remarks: GWMP:SW-5,dropped 8/96 DOE sampling required. Note: Former owner: John E. Engstrom. Well tag from 9/25/02 sanitary survey.

Location Source: North: 403540 Lat: 48.578641
DGPS East: 1576072 Long: 122.34.16402

Max CL: 20 Generated by the Island County
Max NO3: 0.4 Hydrogeologic Database: 30-Jan-09

Disclaimer: Data presented has been collected from a variety of sources.
Island County makes no guarantee as to the validity or accuracy of this data.
Please report any errors to the Island County Hydrogeologist

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resources
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STATE OF WASHINGTON

Application No. 8559

Permit No. 7972

OWNER: Name John E Engstrom Address Box 36 Greenbank Wash WA

(2) LOCATION OF WELL: County Island NW 1/4 NW 1/4 Sec 16 T 30 N. R 2 E W.M.
Bearing and distance from section or subdivision corner S 85 11 South + 640 East + NW cor 15 sec 16, T 30 N. R 2 E W.M.(3) PROPOSED USE: Domestic ☒ Industrial ☐ Municipal ☐
Irrigation ☐ Test Well ☐ Other ☐(4) TYPE OF WORK: Owner's number of well (if more than one) 1712
New well ☒ Method: Dug ☐ Bored ☐
Deepened ☐ Cable ☒ Driven ☐
Reconditioned ☐ Rotary ☐ Jetted ☐(5) DIMENSIONS: Diameter of well 6 inches.
Drilled 310 ft. Depth of completed well 310 ft.

(6) CONSTRUCTION DETAILS:

Casing installed: 6" Diam. from 0 ft. to 308 ft.
Threaded ☐ " Diam. from ft. to ft.
Welded ☒ 1" Diam. from ft. to ft.Perforations: Yes ☐ No ☒

Type of perforator used

SIZE of perforations in. by in.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.Screens: Yes ☒ No ☐Manufacturer's Name Cook
Type Rod Screen Model No.
Diam. 6 Slot size 20 from 308 ft. to 310 ft.
Diam. Slot size from ft. to ft.Gravel packed: Yes ☐ No ☒ Size of gravel:
Gravel placed from ft. to ft.Surface seal: Yes ☐ No ☒ To what depth? ft.
Material used in seal
Did any strata contain unusable water? Yes ☐ No ☐
Type of water? Depth of strata
Method of sealing strata off(7) PUMP: Manufacturer's Name Reda
Type Submersible HP 3(8) WATER LEVELS: Land-surface elevation above mean sea level 300 ft.
Static level 158 ft. below top of well Date Feb 6, 1969
Artesian pressure lbs. per square inch Date
Artesian water is controlled by (Cap, valve, etc.)(9) WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? Yes ☐ No ☒ If yes, by whom?
Yield: gal/min. with ft. drawdown after hrs.
" " " " " "

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

Time	Water Level	Time	Water Level	Time	Water Level

Date of test
Bailer test 1/2 sec/min. with 50 ft. drawdown after 4 hrs.
Artesian flow g.p.m. Date
Temperature of water 50 Was a chemical analysis made? Yes ☐ No ☒

(10) WELL LOG: S7060-00-00008-0

Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

MATERIAL	FROM	TO
Gravelly clay	0	7
Clay	7	52
Sand	52	74
Hard pan	74	115
Sand	115	121
Gravelly sand	121	177
Sand and clay	177	194
Hard pan	194	195
Sand	195	226
Hard pan	226	260
Clay	260	287
Water bearing sand	287	310

RECEIVED
DEPARTMENT OF ECOLOGY

MAY 23 2012

WATER RESOURCES PROGRAM
NWRO

Work started 12-29 1966 Completed 7-28 1969

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME W. H. D. Driller
(Person, firm, or corporation) (Type or print)

Address P.O. Box 277 Oak Harbor, WA 98282

[Signed] [Signature]
(Well Driller)

License No. 223025029 Date Aug 1, 1969

(USE ADDITIONAL SHEETS IF NECESSARY)